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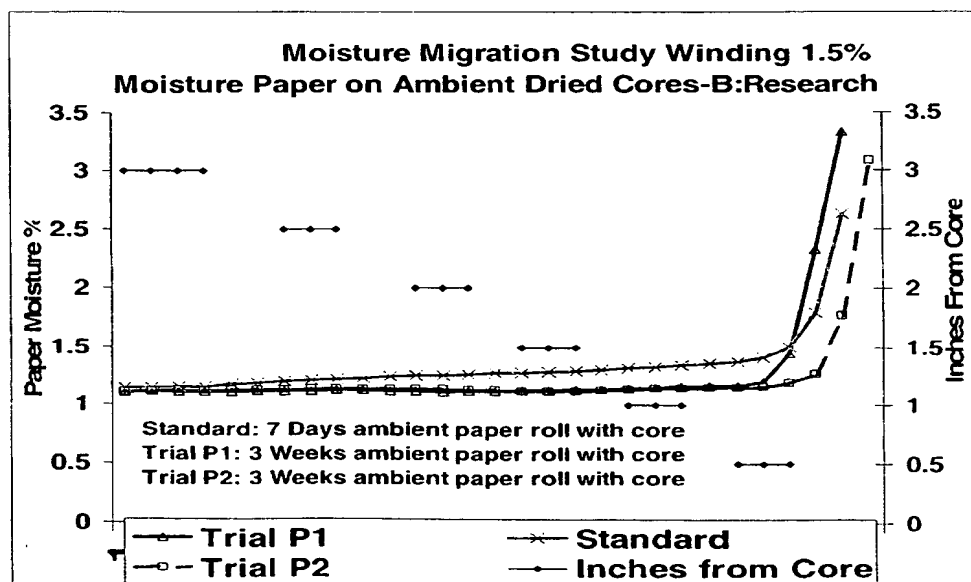
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**Declarations under Rule 4.17:**

— as to applicant's entitlement to apply for and be granted a  
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[Continued on next page]

(54) Title: HIGH STRENGTH DIMENSIONALLY STABLE CORE



(57) Abstract: A paperboard having improved strength and water resistance comprises a standard paperboard furnish modified by adding 5-60 lbs/ton alum, 3-40 lbs/ton of liquid size, and 16-50 lbs/ton modified cationic starch. A more preferred formulation has a paperboard furnish, 4-40 lbs of alum per ton of furnish, 3-12 lbs of liquid size per ton of furnish, and 30-40 lbs of cationic starch per ton of furnish. Other additives such as a dry strength agent and microparticle silica may be added. Paperboard cores spirally wound from the paperboard of the invention exhibit shorter cure time, higher strength, improved dimensional stability, and reduced moisture migration.

WO 2004/041524 A2



- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations*

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